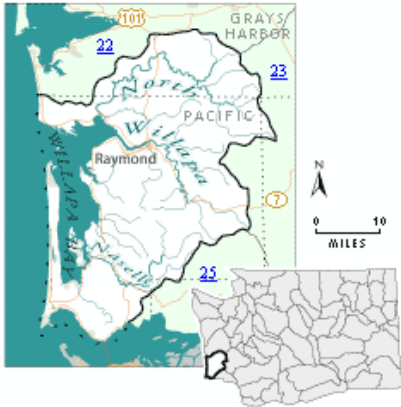


Willapa Basin - WRIA #24

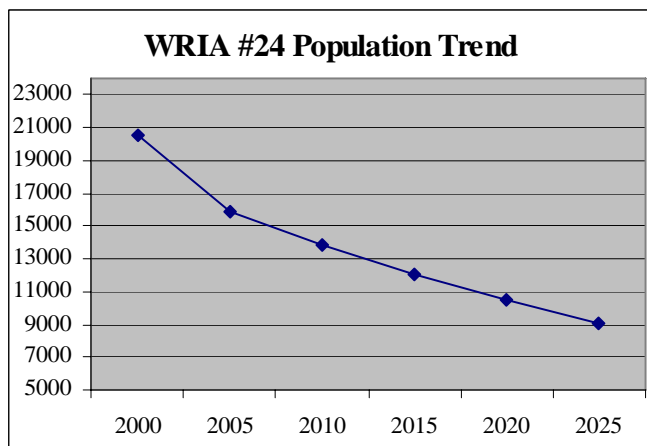


Watershed Description

WRIA #24 encompasses nearly 814,900 acres. Except for a small portion of the uplands, this watershed is part of the Coast Range ecoregion. Average annual rainfall is 84 inches per year. Coastal headlands and upland terraces with steeply sloping mountains. Medium to high gradient streams that have stable summer flow. Typical soils are deep silty clay loam to gravelly loam. Potential natural vegetation is sitka spruce, western hemlock, western red cedar, and some Douglas-fir. The mean low/high temperatures are 30/50° in winter and 50/76° in summer.

Population

There are approximately 18,219 people living in the Willapa Basin. The primary population centers are Raymond and South Bend. The majority of people live in unincorporated areas. The population graph reflects the combined projected population of those counties located within the watershed (Office of Financial Management population projections).



Counties	% of basin
Pacific	83%
Grays Harbor	16%
Lewis	<1%
Wahkiakum	<1%

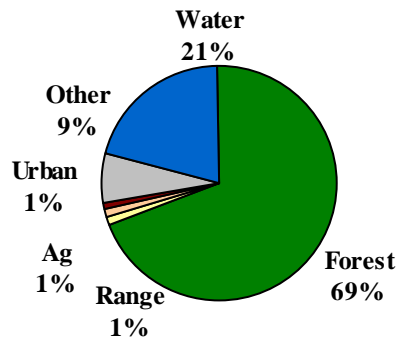
Tribal Reservation Lands in WRIA #24
Shoalwater Bay Tribe

Land ownership for WRIA #24 includes federal, state, local, tribal, and private lands. Data was derived from the Public Lands Survey by Washington Department of Natural Resources (DNR).

Land Ownership	Acres	Proportion
Federal	10,303	1.3%
State	77,636	9.5%
Local	1,576	0.2%
Tribal	340	1.0%
Private	725,044	89.0%

Land use in the Willapa Basin is mainly forestry and water related uses. The general type of known land-use activities¹ within the watershed is graphed according to the percentage of its occurrence.

Land use in Willapa Basin



¹ Category "other" may include perennial ice/snow, bare rock/sand/clay, quarries/strip mines/gravel pits, transitional, barren, and/or wetland areas.

The primary towns and cities in WRIA #24 include Raymond, South Bend, Long Beach, and Ilwaco.

Legislative and Congressional Districts

To determine your region's legislative or congressional district, see:

<http://www1.leg.wa.gov/DistrictFinder/Default.aspx>

To determine **Latitude/Longitude coordinates**, see:

<http://www.topozone.com/>

(Make sure you set the button on the bottom of the page to D/M/S - hold the cursor over a spot on the map and the coordinates show at the bottom of the screen.)

Several federal programs refer to watersheds according to their Hydrological Unit Code (HUC). To learn more about your watershed and determine which **HUC** your town or county is located in, see:

<http://water.usgs.gov/wsc/>

Water Quality

Water Quality Assessment

The statewide Water Quality Assessment categorizes waterbody segments that have water quality data available. The Simple Query Tool and interactive mapping tool allow you to search for specific categories, water bodies, pollutant parameters and other information, in whatever combination you choose. **WRIA #24** has sixty-seven (67) known Category 5 (impaired) water bodies.

To view the Water Quality Assessment, use the Simple Query Tool.

<http://apps.ecy.wa.gov/wats/WATSOBEHome.asp>

To view the Water Quality Assessment by Category, choose the Category (1 – 5) you are interested in from the drop down box. To view it by Water Resource Inventory Resource Area (WRIA), choose the WRIA number you are interested in from the drop down box.

Use the Interactive Mapping Tool to see a graphic representation of the Water Quality Assessment. This is a Geographic Information System (GIS) application that helps you find waters you are interested in and information about problems in that water body.

<http://apps.ecy.wa.gov/wgawa/viewer.htm>

Domestic Water Supply

WRIA #24 has several community water systems that use surface water sources. For further information regarding water supplies, see:

<http://www.doh.wa.gov/ehp/dw/default.htm>

Salmonid Stock Status

Good water quality is important to help salmon survive and thrive. To find out which salmon species are listed as threatened or endangered in a region, see:

<http://www.governor.wa.gov/gsro/regions/map.htm>

Commercial and Recreational Shellfish Growing Areas

Commercial shellfish growing areas are classified by the Washington State Department of Health as either: *Approved*, *Conditionally Approved*, *Restricted*, or *Prohibited*.

For the most up-to-date information about shellfish area designations, see:

<http://www.doh.wa.gov/ehp/sf/grow.htm>

Recreational shellfish closures are determined by the Department of Health and local health jurisdiction; for information contact your county or health district or see:

<http://www.doh.wa.gov/ehp/sf/local.htm>

TMDLs and Other Watershed-Based Plans

For information about Total Maximum Daily Loads (**TMDLs**) in your area, see:

<http://www.ecy.wa.gov/programs/wq/tmdl/>

To learn more about **watershed planning** in Washington State, see:

<http://www.ecy.wa.gov/watershed/index.html>

For **funding applicants**, other useful links can be found at:

<http://www.ecy.wa.gov/programs/wq/funding/links.html>